

BALLOON CATHETER WITH SPIRAL FOLDS

ABSTRACT OF THE DISCLOSURE

The balloon catheter comprises a radially expansible, polymeric balloon having one or more permanent helical fold lines so that the balloon can be spirally folded upon delivery of the catheter to or removal from a vessel. A scoring structure may be carried over the balloon in between the folds to score a stenosed region in a blood vessel. Fabrication devices and methods for spirally folding the balloon are also disclosed.